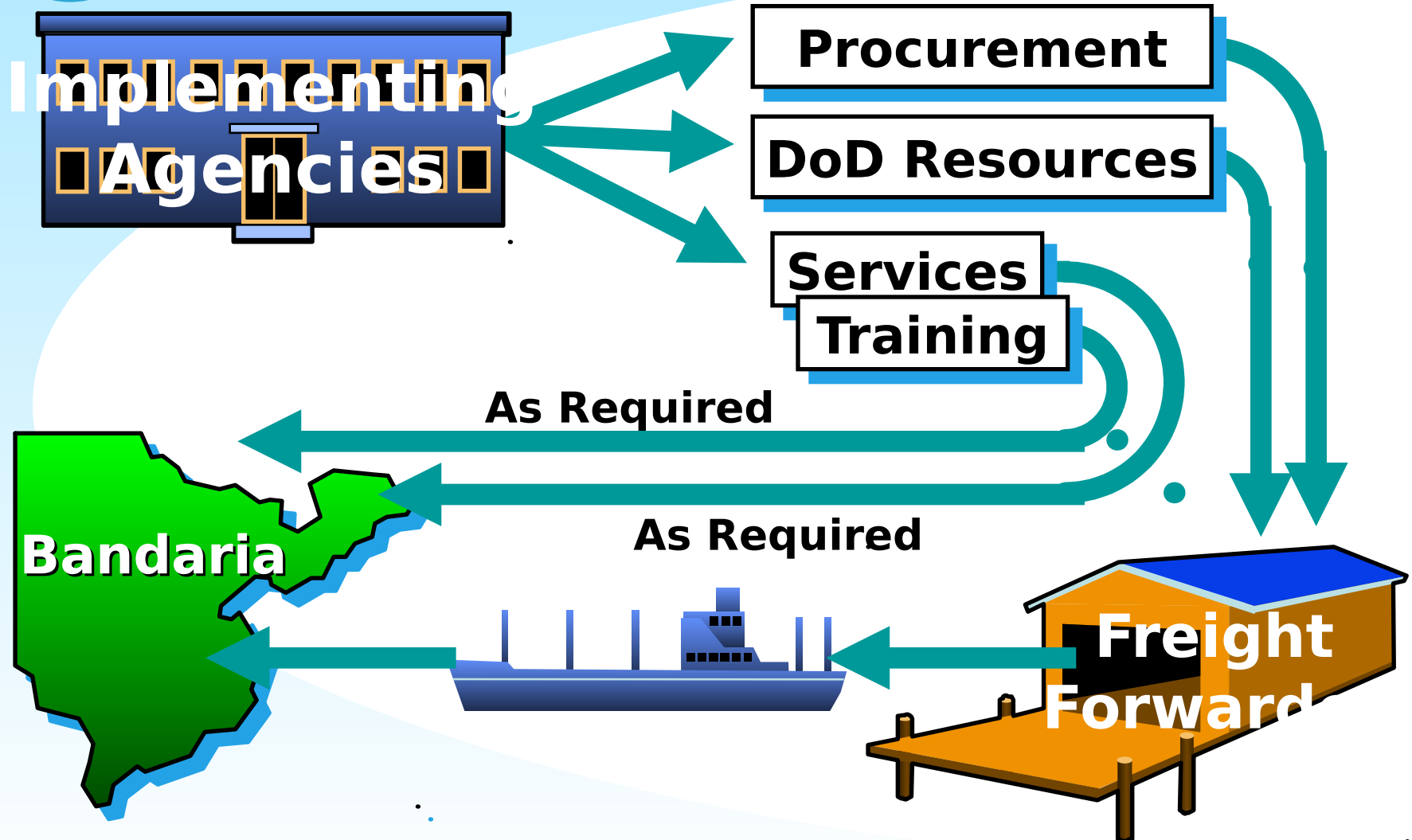




Defense Institute of Security Assistance Ma

Introduction to DoD Logistics

Execution





What is Logistics?

Science of planning and carrying out the movement and maintenance of forces (Joint Pub 1-02)

- **Acquisition**
- **Transportation**
- **Maintenance**
- **Supply**

The Logistics Iceberg

Major End Item

Spares
Support Equipment
ATE
PCH&T
TCG
Facilities
Engines
Tech Data
Non-Std Spares
Std Spares
Software
Training
Publications
Vehicles
Mods
CETS
Cataloging
Delivery
Aircraft Preparation
Contract Field Teams
Consumables
T.O.s
Management and Repair Services
Stock
Replenishment
Life Support
Supply Support Arrangements
Infrastructure
Country Unique
Munitions
Overhaul

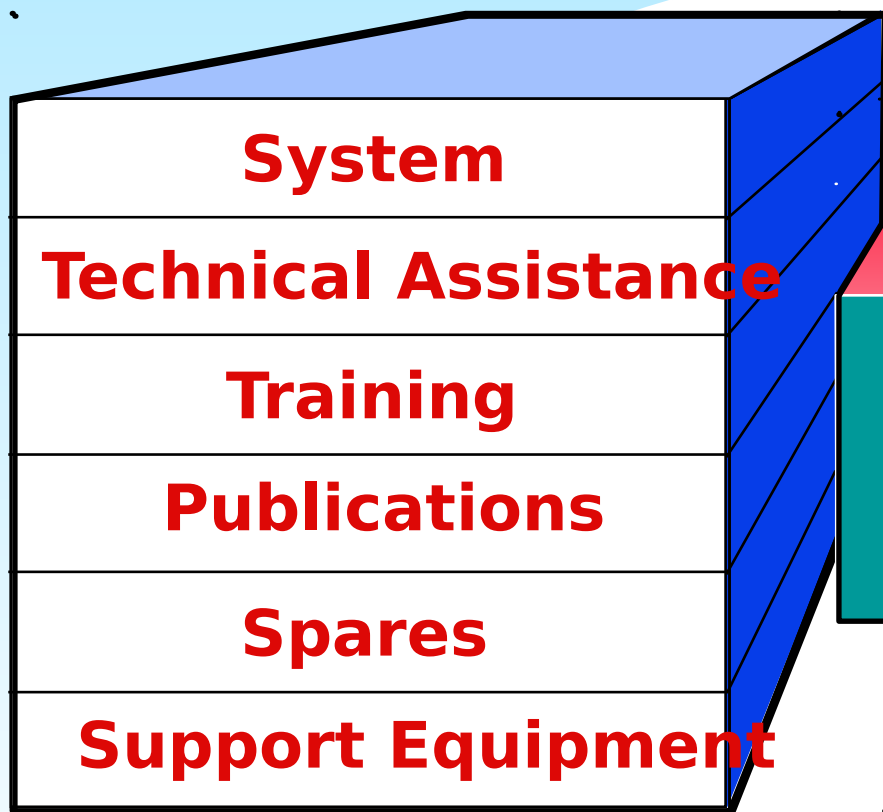
The Logistics Iceberg



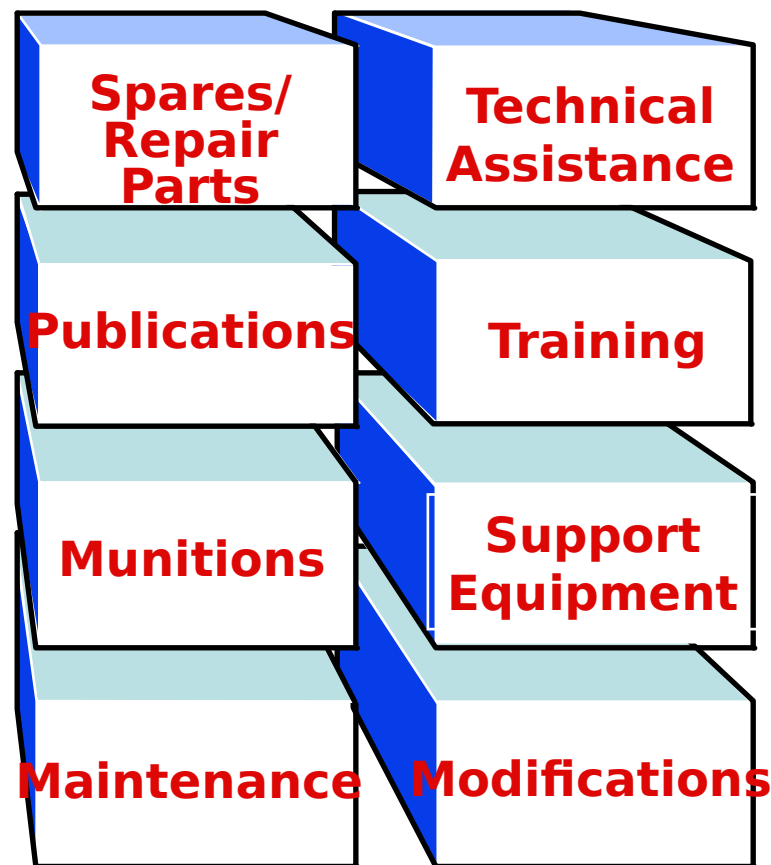


Total Logistics Support

Initial Support



Follow on Support



SAMM 80002.E



Definitization

- **Weapon system configuration**
- **Weapon system deployment**
- **Location and use of repair facilities**
- **Supply and transportation time from U.S.**
- **Initial support period**



How DoD Manages Commodities

Primary (Major End Items)

- An item that performs a function in and of itself which has significant impact on mission accomplishment.

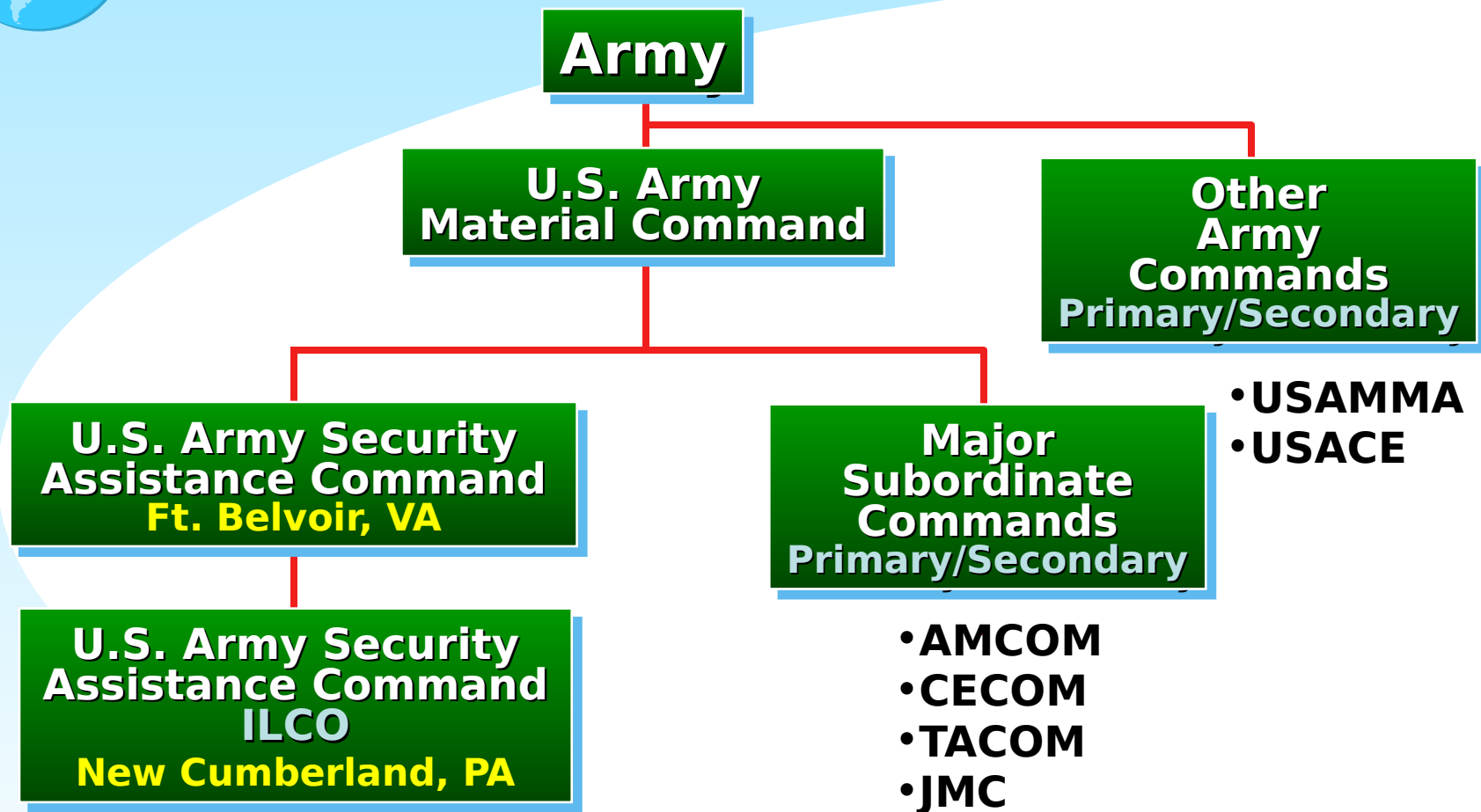


Secondary Item

- Repairables - things that can be reconditioned/repared for reuse
- Consumables - things that are normally expended or used up before recovery.

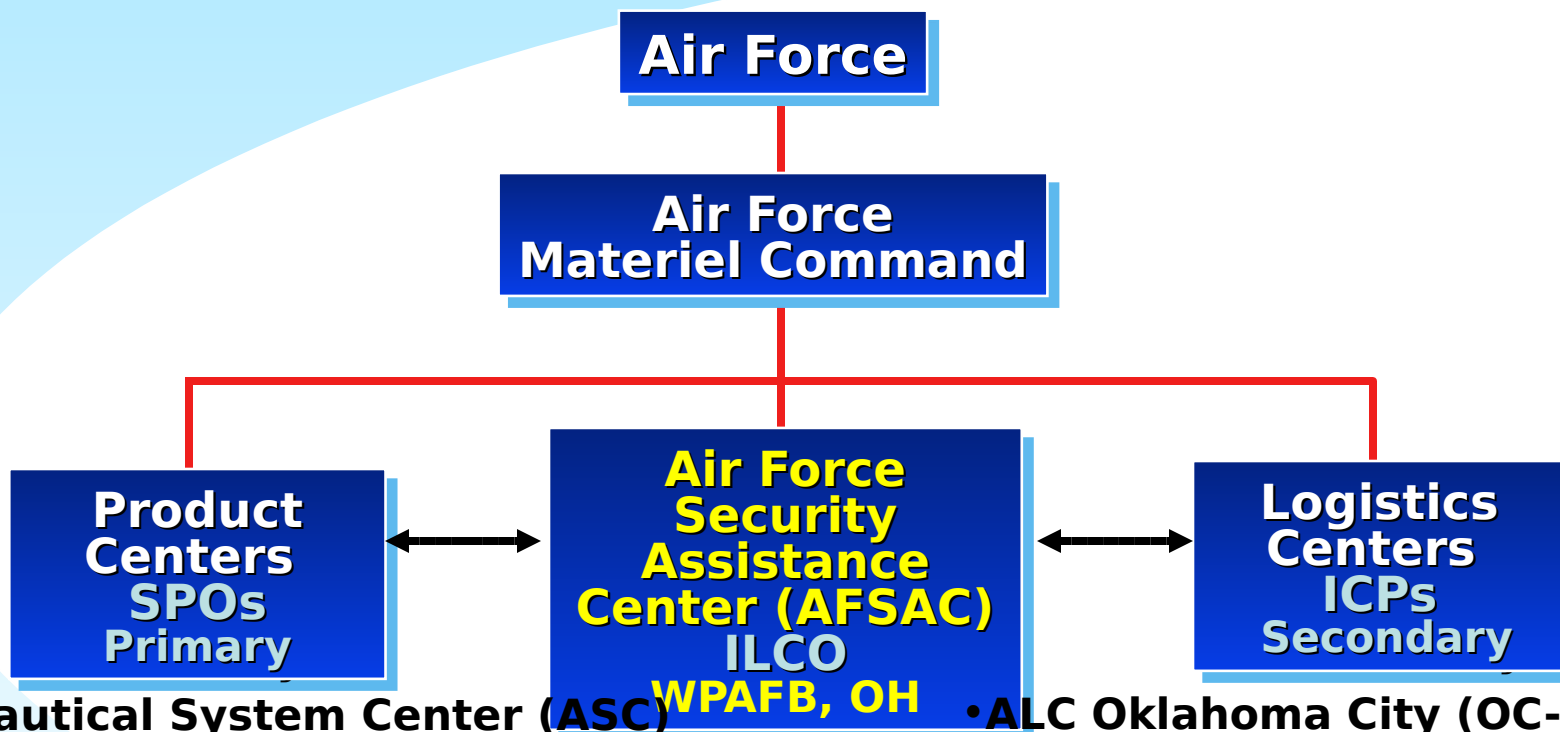


Army Logistics System





Air Force Logistics System



- **Aeronautical System Center (ASC)**
- **Electronic Systems Center (ESC)**
- **Air Armaments Center (AAC)**
- ***Space and Missile Systems Center (SMC)****

- **ALC Oklahoma City (OC-ALC)**
- **ALC Ogden, Utah (OO-ALC)**
- **ALC Warner Robbins, GA (WR-A)**



Navy Logistics System

Department of the NAVY

**Navy Supply Systems
Command
Secondary**

**Navy Systems Commands
Program Offices
Primary**

**NAVAIR
NAVSEA
NAVFAC
SPAWAR
MCSC**

**Marine Corps
Logistics Command
Secondary**

**Navy Inventory Control
Point (NAVICP)
ICP
Mechanicsburg & Philly, PA
International Programs
(NAVICP-OF)
ILCO
Philadelphia, PA**

**Coast Guard
Secondary**





Program Management Functions

The Program Manager is responsible for the weapon system acquisition and day-to-day coordination of all aspects of the program, including:

- **Development of management strategy**
- **Long range planning, programming & budgeting data**
- **Funding requirements management**
- **Coordinating the acquisition plan**
- **Monitoring program performance**
- **Risk management**
- **Effective contractor surveillance**



Role of International Logistics Control Organizations (ILCOs)

- **Case development and implementation**
- **Logistics oversight of all LOAs**
- **Requisition processing**
- **Management Information Systems**
- **SDR Processing**
- **Transportation/Quality Assurance Liaison**



Role of Inventory Control Points (ICPs)

- **Availability and estimated price**
- **Inventory management**
 - **Procurement**
 - **Requirements determinations**
 - **Maintenance**



Defense Logistics Agency

**HQ, DLA
Customer
Operations &
Readiness (J-4)**

**International Programs
Office (J-4)**

**Defense Distribution
Centers (DDC)**

**Anniston, AL; Albany, GA;
Barstow, CA; Cherry Point, NC
;
Columbus, OH; Corpus Christi,
TX;
Hill, UT; Jacksonville, FL;
Norfolk, VA; Oklahoma City,
OK; Red River, TX; San Diego,
CA;
Puget Sound, WA; Richmond,
VA; Warner Robins, GA
Tobyhanna, PA;
Susquehanna, PA; Pearl**

Service Centers

**Defense Reutilization
and Marketing Services
(DRMS)
Defense Logistics
Information Service
(DLIS)**

**Inventory
Control Points**

**Defense Energy
Support Center
(DESC)
Defense Supply
Center Richmond
(DSCR)
Defense Supply
Center Columbus
(DSCC)
Defense Supply
Center Philadelphia
(DSCP)**



Cataloging

- **Assignment of national stock numbers**
- **Accumulation of procurement data**
- **Assignment of inventory**





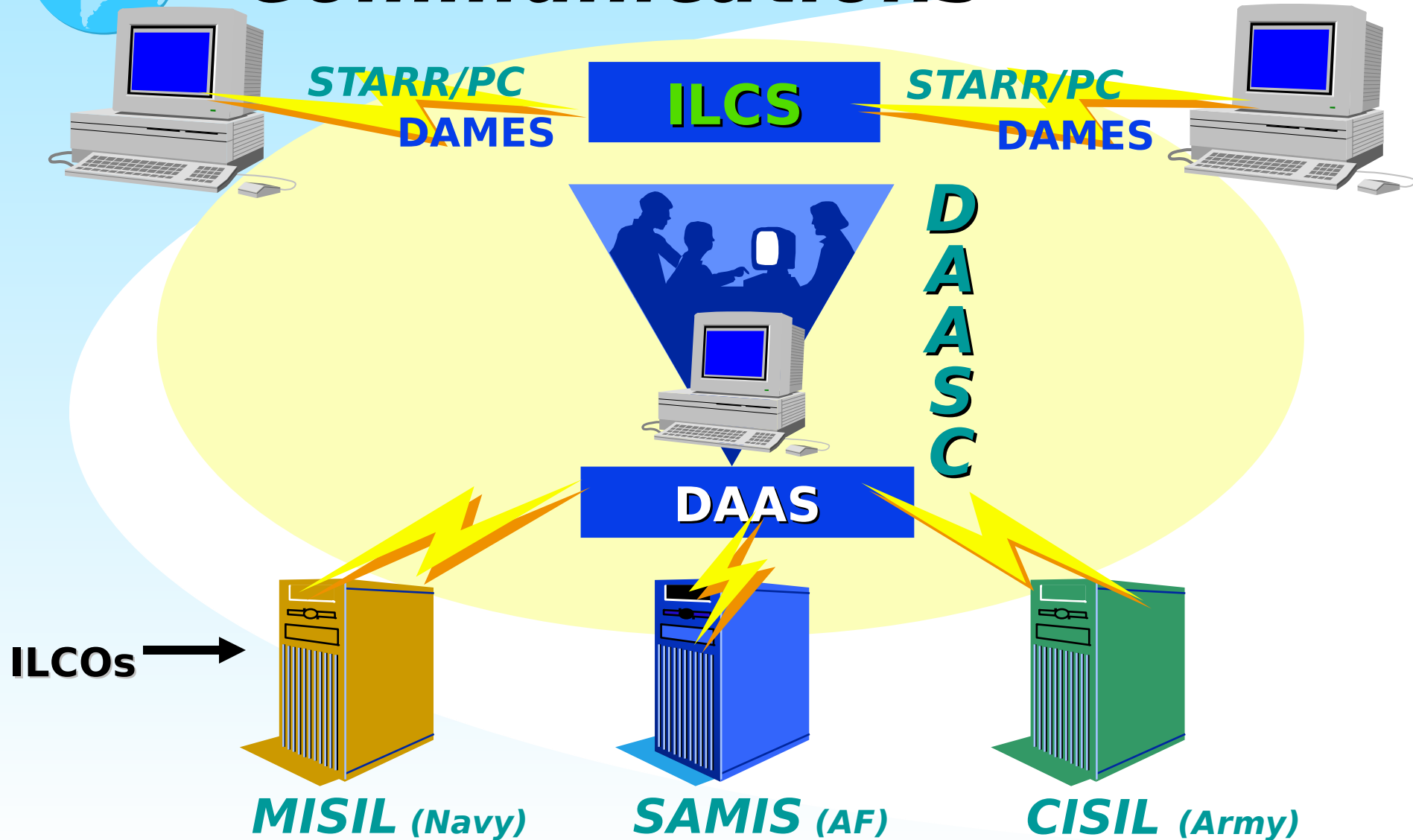
Defense Logistics Information Service

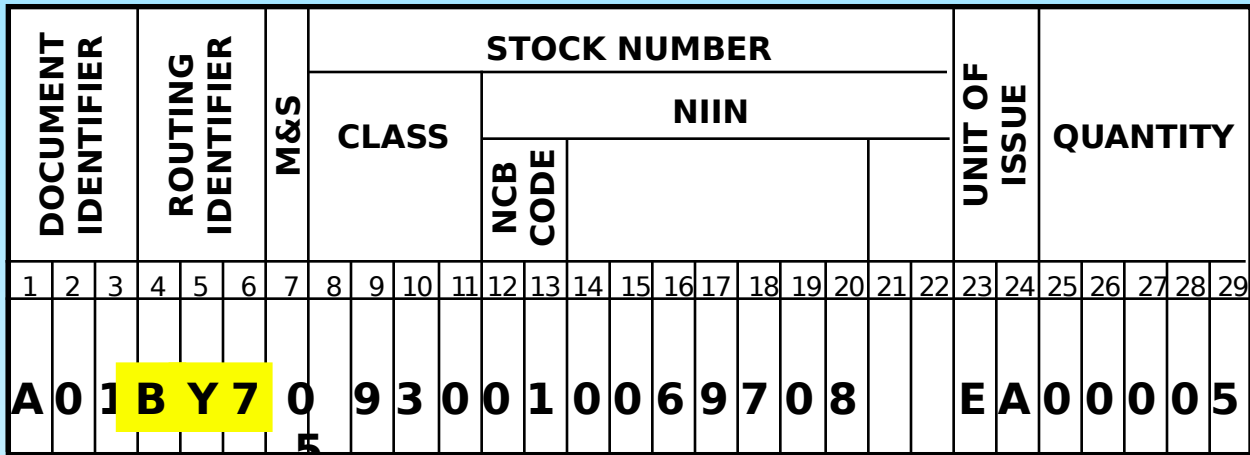
Publications/services available to all FMS customers:

- **Master Cross Reference Data (MCRD)**
- **Management Data (MD) and
Interchangeability
and Substitutability (I&S)**
- **Demilitarization Information**
- **Medical Catalog**
- **Ammunition Data**
- **NATO Master Cross Reference List
(NMCRL)**
- **DLIS Training**



Logistics Communications



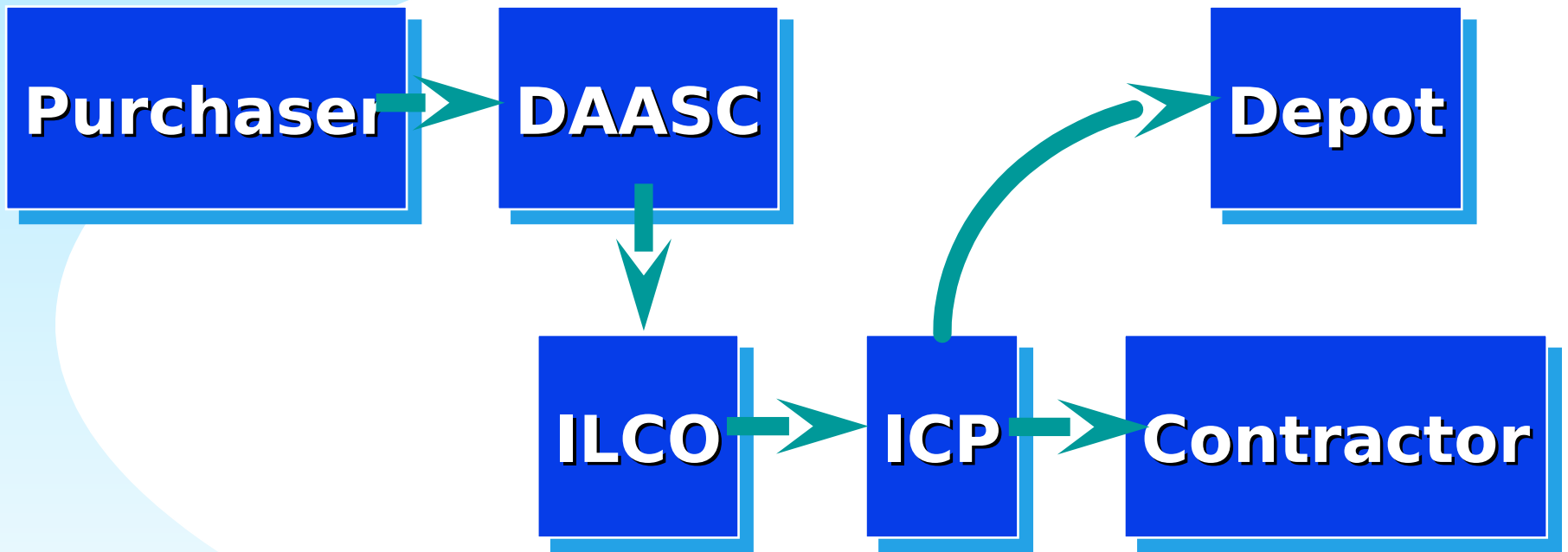


DOCUMENT NUMBER														DEM/SUF	SUPPL ADDRESS						SIGNAL CODE	FUNDING CODE	DIST			PROJ CODE				
				DATE		SERIAL NUMBER	SVC																							
				YEAR	DAY																									
30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	
B B N L 5 4 3						0	6	8	3 0 0 1			N	P Z 2 E A A												0 0 1					

[illegible]



Requisition Process





Follow-On Support Methods

- **Internal**
- **Third country**
- **U.S. commercial**
- **FMS case**



Follow-On Support Cases

- **Defined Order**
- **Blanket Order**
- **Cooperative Logistics Supply Support Arrangement (CLSSA)**
- **Foreign Military Sales Order (FMS)**
- **Foreign Military Sales Order (FMS)**



CLSSA Principles

- **Customer purchases equity**
- **Support equal to U.S. unit with same FAD**
- **Approved common systems**
- **Ammunition, end items, commercial equipment excluded**
- **Prerequisite in country stock**



Force Activity Designator

- **FADs assigned to US and foreign forces**
- **Designator I - Specifically designated by SECDEF**
- **Designator II-V *US Units***
 - **Units engaged in or assigned to combat zone operations and designated deployment schedule**
- **Designator II-V *Foreign Forces***
 - **Support to National Security Objectives**
- **Assigned to units, activities, or projects**



Force Activity Designator



Urgency of Need Designator

	A	B	C
I	01	04	11
II	02	05	12
III	03	06	13
IV	07	09	14
V	08	10	15



Urgency of Need Designator (UND)

A

Equipment and repairs necessary for mission accomplishment.

B

**Auxiliary equipment and repairs.
Operational capability impaired.
Replacement for last item out of bin.**

C

Admin equipment - not essential to mission. Routine stock replenishment.



Allocation of Resources

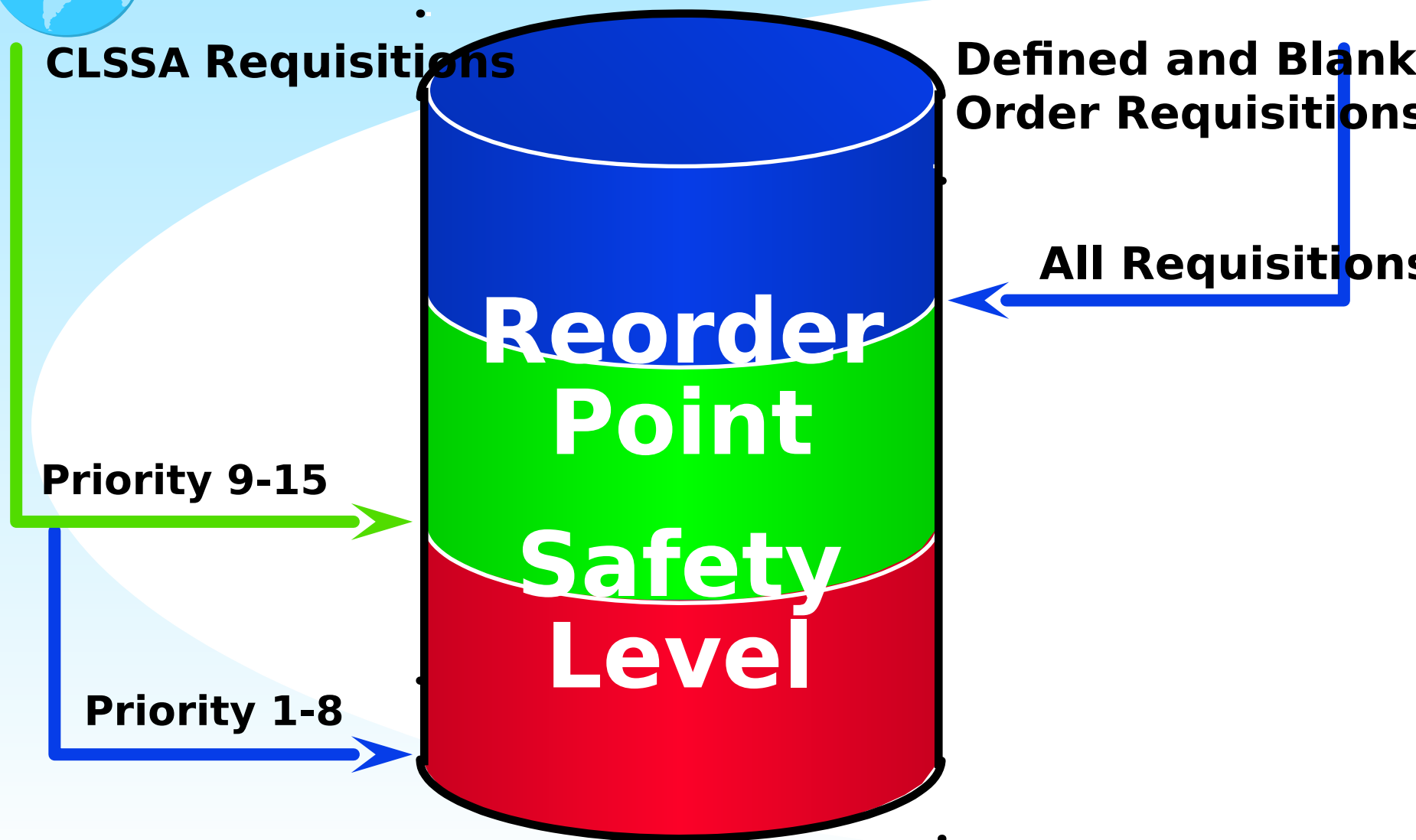


**Defined and Blank
Order Requisitions**

All Requisitions



Allocation of Resources





FMSO-I

- **Represents customer country's equity in DoD supply system**
- **Finances stock augmentation**
- **Equity list**
 - **Identifies and quantifies augmentation**
 - **Based in estimated demands**
- **Effective for duration of arrangement**



FMSO-II

- **Used to withdraw/requisition material**
- **Similar to blanket order case**



Non-Standard System





Nonstandard Item Support

- **Nonstandard Items - Contractor Supported**

PROS (Parts & Repair Ordering System) used by Air Force, Navy and Army; standard administrative charge applies.

- **Nonstandard Items - Service Supported**

- ***SNAP*** (Simplified Nonstandard Acquisition Process) used by Army; 5% nonstandard administrative charge applies.



Materiel Return Concepts

- **Repair & Return**
 - **Same item returned**
 - **Actual repair cost**
 - **Offered by Army, AF, Navy and USMC**
- **Direct Exchange (DX) (Repair & Replace) (RIRO)**
 - **CLSSA or Blanket case**
 - **Like item returned**
 - **Average repair cost**
 - **Not offered by USMC**



EDA vs DRMS

Excess Defense Articles

- **Military service retains ownership**
- **Items may be SME and MDE**
- **Items should be in operating condition**
- **No transportation or supporting equipment/services included**
- **FMS customer can get upgrades/repairs on FMS case prior to delivery at additional cost**



EDA vs DRMS

Defense Reutilization and Marketing Service

- **Military services transfer ownership to DRMS**
- **Items may be in any condition**
- **No transportation or supporting equipment/services included**
- **No upgrades or repairs available from DRMS, but may be available via FMS case with MILDEP.**

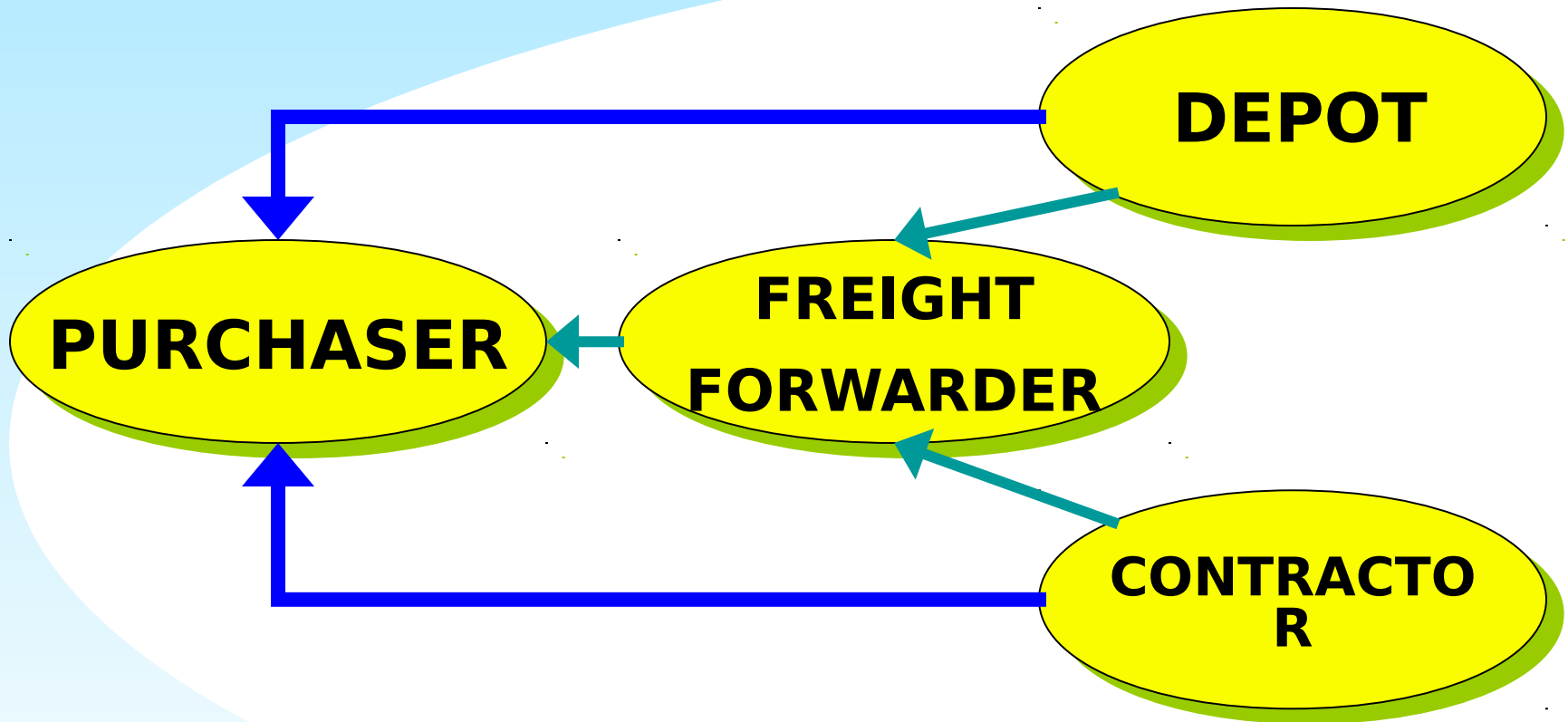


DRMS FMS Procedures

- **Establish LOA with DRMS**
- **Identify authorized “shopper”**
- **Select items via Internet or wish list**
- **14-day screening period**
- **Charge to FMS case**
- **DRMS web site: [https://
www.drms.dla.mil/asset/fms/](https://www.drms.dla.mil/asset/fms/)**



Materiel Movement

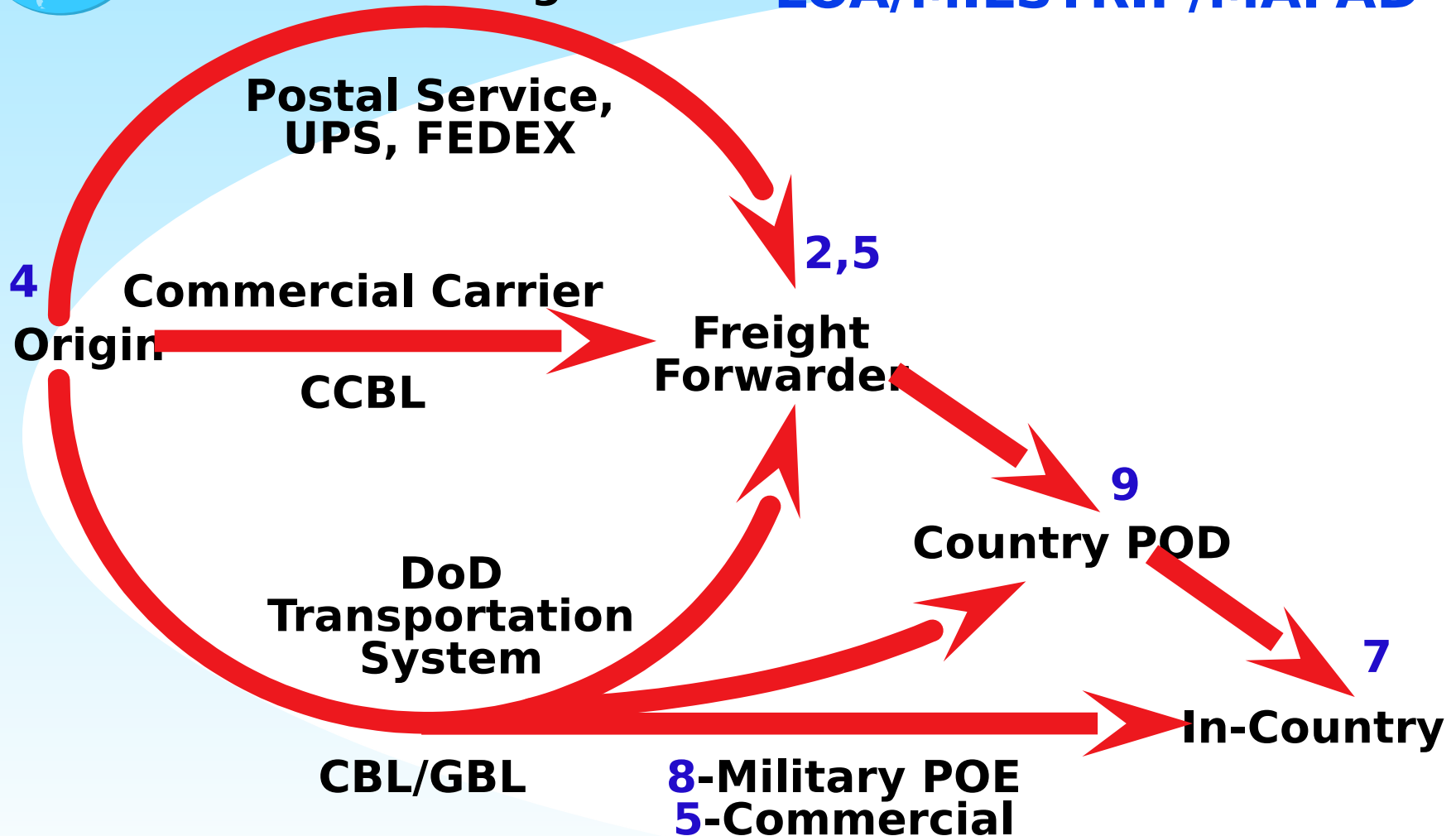




FMS Transportation Policy

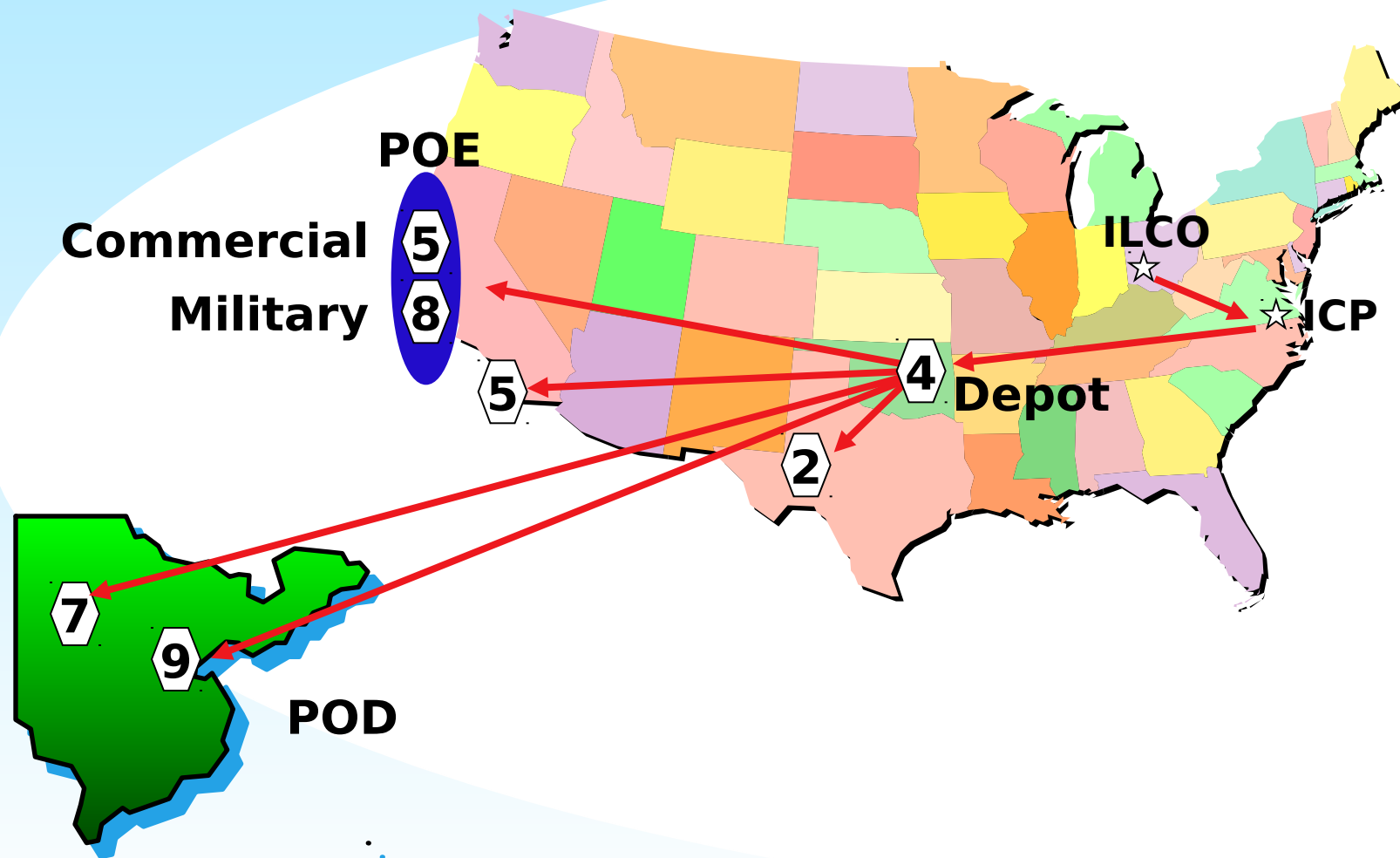
Small Packages

LOA/MILSTRIP/MAPAD





FMS Delivery Term Codes





Delivery Term Codes

- 2 Delivery to destination**
- 3 Delivery alongside vessel/aircraft at port of exit (no longer used)**
- 4 Delivery at origin**
- 5 Delivery to port of exit**
- 6 Delivery to overseas port of discharge (no longer used)**
- 7 Delivery to destination in recipient country**
- 8 Delivery to vessel (on board) - port of exit**



The U.S. Government Will:

- **Initiate shipments to freight forwarders**
- **Maintain proof of shipment**
- **Assist purchaser processing of claims**
- **Provide technical assistance and guidance to country representative/freight forwarders through military departments liaison activities**



The Purchasing Country Must:

- **Select a Freight Forwarder**
- **Obtain export documents (can be delegated to Freight Forwarder)**
- **Respond to Notices of Availability**
- **Obtain insurance**
- **Assure current addresses in MAPAD**
- **Assure prompt payment of transportation charges**
- **Provide Freight Forwarder with copy of LOA**



Freight Forwarder Responsibilities

- **Onward transportation arrangements:**
 - **Warehousing storage, materiel handling equipment**
 - **Receipt, handling, processing of materiel**
 - **Obtain export documents**
 - **Customs clearance**
- **File claims against the carrier, if necessary**



MAPAD



MILSTRIP
Requisition



Shipping Label

The diagram illustrates a sequence of operations across three overlapping tables. The first table (top) contains 'TO' and '3'. The second table (middle) contains 'TO' and '2'. The third table (bottom) contains 'M/F'. Arrows indicate a sequence from the first table to the second, and from the second to the third.



Categories of Discrepancy Reports

- **Product quality deficiencies**
- **Financial discrepancies**
- **Transportation discrepancies**
- **Supply discrepancies**



Supply Discrepancies

- **Packaging discrepancies:**
 - **Overages**
 - **Shortages**
 - **Damage**
- **Insufficient remaining shelf life**
- **Incorrect items**
- **Incorrect billing: Material is received but is omitted from, or duplicated, or incorrectly reflected in:**
 - **FMS Delivery Listing**
 - **FMS Reply Listing to customer requests for adjustments**
 - **Quarterly Requisition Report**



Transportation & Discrepancy Provisions

- Purchaser accepts DD Form 645 or other delivery documents as evidence that title has passed and items have been delivered (LOA paragraph 5.4)
- Standard Form 364 used to submit claims.

REPORT OF DISCREPANCY (ROD)				1. DATE OF PREPARATION		2. REPORT NUMBER					
<input type="checkbox"/> SHIPPING <input type="checkbox"/> PACKAGING											
3. TO (Name and address, include Zip Code)				4. FROM (Name and address, include Zip Code)							
5a. SHIPPER'S NAME				5b. NUMBER AND DATE OF INVOICE		5. TRANSPORTATION DOCUMENT NUMBER (AGM, Rwydel, TCN, etc.)					
7a. SHIPPER'S NUMBER (Purchase Order/Depot, Contract, etc.)		7b. OFFICE ADMINISTERING CONTRACT		8. REQUISITIONER'S NUMBER (Acquisition, Purchase Order, etc.)							
9. SHIPPING, BILLING, AND RECEIPT DATA				10. DISCREPANCY DATA			11.				
NSN/PART NUMBER AND NOMENCLATURE	UNIT OF ISSUE	QUANTITY SHIPPED/ BILLED	QUANTITY RECEIVED	QUANTITY	UNIT PRICE	TOTAL COST	AC-2 TION CODE				
1a)	1b)	1c)	1d)	1e)	1f)	1g)	1h)				
12. REMARKS (Continued on separate sheet of paper if necessary)											
1. DISCREPANCY CODES				2. ACTION CODES							
CONDITION OF MATERIAL C1 - Condition other than that indicated on receipt document C2 - Damaged receipt document C3 - Damaged receipt document C4 - Receipt document C5 - Not received C6 - Receipt or mutilated C7 - Receipt improper or without authority (only when receipt is property) C8 - Receipt improper or without authority (only when receipt is property) MISSING MATERIAL M1 - Additional to receipt activity OVERAGE/EXCESSIVE SHIPMENTS O1 - Quantity in excess of that receipt document O2 - Quantity in excess of that receipt document PACKAGING DISCREPANCY P1 - Quantity discrepancy shipment P2 - Improper packaging P3 - Improper marking P4 - Improper unitization				PRODUCT QUALITY DEFICIENCIES Q1 - Defective material (Applicable to Good All) Q2 - Defective material (Applicable to Good All) Q3 - Quantity less than that on receipt document Q4 - Quantity less than that requested (Other than unit of measure) Q5 - Non receipt of good, post shipment Q6 - TECHNICAL DATA MARKINGS (i.e., Name, Part, Lot, Date, Quantity, etc.) Q7 - Missing Q8 - Legible or mutilated Q9 - Precautionary operational markings missing Q10 - Inspection data missing or incomplete Q11 - Precautionary operational markings missing or incomplete Q12 - Inspection data missing or incomplete Q13 - Inspection data missing or incomplete Q14 - Inspection data missing or incomplete Q15 - Inspection data missing or incomplete Q16 - Inspection data missing or incomplete Q17 - Inspection data missing or incomplete Q18 - Inspection data missing or incomplete Q19 - Inspection data missing or incomplete Q20 - Inspection data missing or incomplete Q21 - See remarks				1A - Disposition instructions required (Apply on receipt) 1B - Material being retained (See remarks) 1C - Supporting supply documents required 1D - Material still required expedite shipment (See applicable code) 1E - Local purchase material to be returned to supplier's warehouse within 10 days (Apply on receipt) (See applicable code) 1F - Inspection data requested (See applicable code) 1G - Inspection data requested (See applicable code) 1H - No action required, information 1I - See remarks			
13. FUNDING AND ACCOUNTING DATA											
14a. TYPED OR PRINTED NAME, TITLE, AND FACIL NUMBER OF PREPARING OFFICIAL				14b. SIGNATURE							
15. DISTRIBUTION ADDRESSES FOR COPIES											



Criteria: Time

**Claim must
be
submitted
within one
year of
title**

transfer!

C.6.4.9.1

Letter of Offer and Acceptance

“Any claim (except for non-shipment/ non-receipt of entire lot) received after 1 year from passage of title to article scheduled performance of service are disallowed unless the USG determines that circumstances involving latent defects justify consideration. (LOA para 5.4)”



Criteria: Value

**Claim must
have a value
of at least
\$200,
including
transportation**

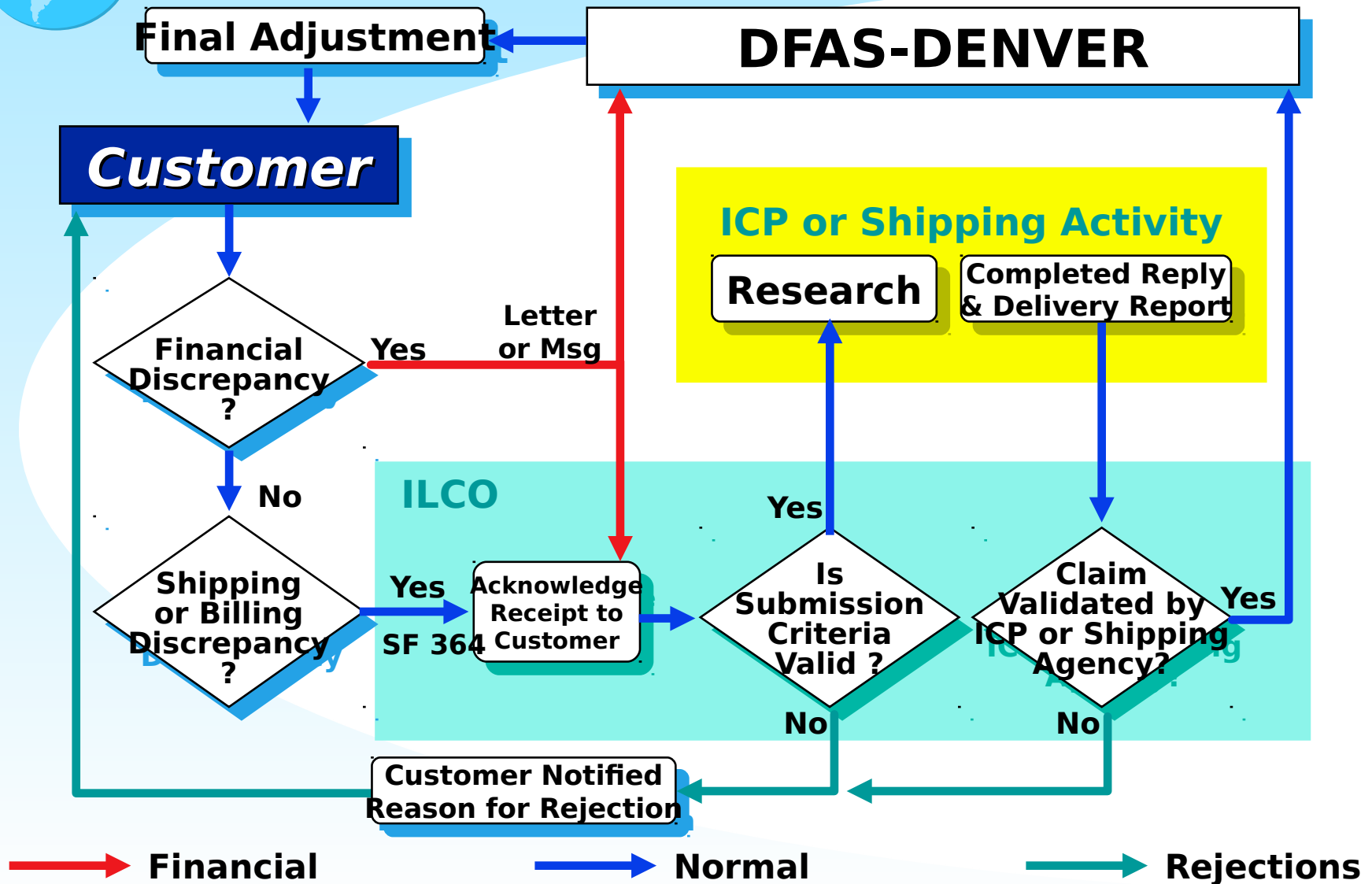
Letter of Offer and Acceptance

*"DoD will not accept claims related
to items of \$200 or less for
overages, shortages, damages, non-
shipment, or non-performance."
(LOA para 5.4)*

**SAMM
C.6.4.9.2**



SDR Process





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Introduction to DoD Logistics